

Received: 05/07/2010	Completed: 05/10/2010	Letter: A	rb	P.O.#: 005062-00	Test Report #: 2-83214-0-
<b>Client's Identification</b>	Style: Odyssey IV FR Polyester Fabric. Content: 100% Polyester. Width: 64". Finish: FR. Weight: 7.28 ozs/yd <sup>2</sup> . End Use: Awnings, Tents, Air-Ducts, Canopies & Signs.				
<b>Tested For: Mohan Rao</b>	<b>Key Test: NFPA 701-2010 TM#2 Flat</b>				340
Marchem CFI 500 Orchard Street New Haven, MO 63068	<b>Tel: 1-(573)-237-4444</b>		<b>Ext:</b>		
	<b>Fax: 1-(573)-237-4491</b>				

PC:1H

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2010 Edition - Test Method #2 - Flat Sheet Specimens

SPECIMEN CONFIGURATION:  Single Layer;  Multi Layer

RESULTS REPORTED:  Initially  After 72 hours water leaching  
 After 3 dry cleanings  After 100 hours accelerated weathering  
 After 5 launderings @ 160°F

RESULTS:

Length Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0	0	200
2	0	0	187
3	0	0	165
4	0	0	190
5	0	0	203
6	0	0	194
7	0	0	168
8	0	0	150
9	0	0	198
10	0	0	170

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 248 g/m<sup>2</sup>

FAILURE CRITERIA: For each individual specimen --

Afterflame	Drip Burn	Char Length
Exceeds 2.0 seconds	Exceeds 2.0 seconds	Exceeds 435 mm (17.1")

RETEST PROVISION: Test 5 additional specimens if only 1 specimen fails.

CONCLUSION: Based on the above Results and Failure Criteria, the item tested:

Passes;  Fails;  Requires testing of 5 additional specimens

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 2010 Edition Test Method #2 Flat Sheet Specimens.

*Heather E. Robertson*

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. / ec / mg

[ MS. HEATHER ROBERTSON ] MAY 27 2010 Page 1 of 2



<b>Received:</b> 05/07/2010	<b>Completed:</b> 05/10/2010	<b>Letter:</b> A	rb	<b>P.O.#:</b> 005062-00	<b>Test Report #:</b> 2-83214-0-
<b>Client's Identification</b>	Style: Odyssey IV FR Polyester Fabric. Content: 100% Polyester. Width: 64". Finish: FR. Weight: 7.28 ozs/yd <sup>2</sup> . End Use: Awnings, Tents, Air-Ducts, Canopies & Signs.				
<b>Tested For:</b> Mohan Rao	<b>Key Test:</b> NFPA 701-2010 TM#2 Flat				340
Marchem CFI 500 Orchard Street New Haven, MO 63068	<b>Tel:</b> 1-(573)-237-4444		<b>Ext:</b>		
	<b>Fax:</b> 1-(573)-237-4491				

PRECONDITIONING:     1 hr @ 220°F (Standard)  
                               24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

REMARKS:  
None.

CONVERSION FACTORS:  
 mm ÷ 25.4 = inches  
 g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup>